

# Public Reference Copy

<b>Mobility Fund</b> <b>Phase 1 - §54.1009 Annual Reporting</b> <b>Data Collection Form</b>	FCC Form Approved by OMB OMB 3060-1185 Avg. Burden Estimate per Respondent: 18 Hours
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<010> Study Area Code	438015
<015> Study Area Name	United States Cellular Corporation
<020> Program Year	2017
<030> Contact Name: Person USAC should contact with questions about this data	Stephanie Cassioppi
<035> Contact Telephone Number: Number of the person identified in data line <030>	7733997940 ext.
<039> Contact Email: Email of the person identified in data line <030>	Stephanie.Cassioppi@USCellular.com

<040> <b>Has the information required pursuant to §54.1009 been provided with a Form 481 filing (Y/N)</b>	<040> <input checked="" type="radio"/> <input type="radio"/>
<041> Attach a description of the documents filed with the Form 481 reporting	<041> <div>438015OK041.pdf</div>
<042> Cite the Study Area Code (SAC) for the Form 481 reporting	<042> <div>439004</div>

<080> <b><u>Tribal Lands Reporting (y/n?)</u></b> <small>(Does this study area cover tribal lands? Yes or No)</small>	<input checked="" type="radio"/> <input type="radio"/>
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## Notice to Individuals Required by the Paperwork Reduction Act of 1995

OMB Control Number 3060-1185 (Annual Report for Mobility Fund Phase I Support, FCC Form 690 and Record Retention Requirements)

Notice to Individuals Required by the Paperwork Reduction Act of 1995

Public reporting burden for this collection of information is estimated to average 18 hours per response. Our estimate includes the time to read the instructions, look through existing records, gather and maintain required data, and actually complete and review the form or response. If you have any comments on this estimate, or on how we can improve the collection and reduce the burden it causes you, please write the Federal Communications Commission, Office of Managing Director, AMD-PER, Washington, DC 20554, Paperwork Reduction Act Project (3060-1185). Please DO NOT SEND COMPLETED FORMS TO THIS ADDRESS. You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number and/or we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-1185.

THIS NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

# Public Reference Copy

## (050) Carrier Contact Form

FCC Form 690  
Approved by OMB  
OMB Control No. 3060-1185  
Page 2 of 8

<010>	Study Area Code	438015
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2017
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	7733997940 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com

### Reporting Carrier / Mobility Fund Phase 1 Winning Bidder

<110>	FCC Registration Number	4372322
<111>	Filing Carrier Name	United States Cellular Corporation
<112>	Winning Bidder Carrier Name	United States Cellular Corporation
<113>	Street Address (or PO Box)	8410 W. Bryn Mawr
<114>	City	Chicago
<115>	State	IL
<116>	Zip-Code	60631
<117>	Telephone Number	6302013501 ext.
<118>	Fax Number	7733998959
<119>	Email Address	Stephanie.Cassioppi@USCellular.com

### Contact Information

if same as above, indicate in this box

☐

<120>	Name (First, MI, Last, Suffix)	Stephanie Cassioppi
<121>	Filing Carrier Name	United States Cellular Corporation
<122>	Street Address (or PO Box)	8410 W. Bryn Mawr
<123>	City	Chicago
<124>	State	IL
<125>	Zip-Code	60631
<126>	Telephone Number	7733997940 ext.
<127>	Fax Number	7733998959
<128>	Email Address	Stephanie.Cassioppi@USCellular.com

### Authorized Agent Information

if no agent, indicate in this box

☒

<130>	Name (First, MI, Last, Suffix)	
<131>	Company	
<132>	Street Address (or PO Box)	
<133>	City	
<134>	State	
<135>	Zip-Code	
<136>	Telephone Number	
<137>	Fax Number	
<138>	Email Address	

## Public Reference Copy

<b>(060) Coverage and Performance Report</b>	FCC Form 690
	Ap proved by OMB
	OMB Control No. 3060-1185
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<010>	Study Area Code	438015
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<020>	Program Year	2017
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<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com
<140>	Coverage and Performance Report Year	01/2016 - 12/2016

Coverage and Performace attachments

438015\_CPRd\_OK.zip, 438015\_CPRe\_f\_OK.zip,  
438015\_covered\_roads\_undriveable\_roads.zip

[illegible]

Percentage of Total  
Population Reached by  
Service

Percentage of Total  
Road Miles covered  
by Service

# Public Reference Copy

(070) Urban Rate Comparability Certification Compliance

FCC Form 690  
Approved by OMB  
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<010>	Study Area Code	438015
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<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING CERTIFICATION DATA ON ITS OWN BEHALF:

<b>Certification of Officer or Employee as to Compliance with 47 CFR §54.1009(a)(4)</b>		
I certify that I am an officer or employee of the reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4), the information reported on this form and in any attachments is accurate.		
Name of Reporting Carrier:	United States Cellular Corporation	
Signature of Authorized Officer:	CERTIFIED ONLINE	Date 06/21/2017
Printed name of Authorized Officer:	John Gockley	
Title or position of Authorized Officer:	VP-Legal and Regulatory Affairs	
Telephone number of Authorized Officer:	7738643167 ext.	
Study Area Code of Reporting Carrier:	438015	Filing Due Date for this form: 07/03/2017
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.		

TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING CERTIFICATION DATA ON THE CARRIER'S BEHALF:

<b>Certification of Officer or Employee to authorize an Agent to file Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier</b>		
I certify that (Name of Agent) _____ is authorized to submit the information reported on behalf of the reporting carrier. I also certify that I am an officer or employee of the reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4) reported to the authorized agent; and, to the best of my knowledge, the reports and data provided to the authorized agent is accurate.		
Name of Authorized Agent:		
Name of Reporting Carrier:		
Signature of Authorized Officer or Employee:		Date:
Printed name of Authorized Officer or Employee:		
Title or position of Authorized Officer or Employee:		
Telephone number of Authorized Officer or Employee:		
Study Area Code of Reporting Carrier:		Filing Due Date for this form:
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.		

TO BE COMPLETED BY THE AUTHORIZED AGENT:

<b>Certification of Agent Authorized to File Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier</b>		
I, as agent for the reporting carrier, certify that I am authorized to submit the certification on behalf of the reporting carrier; I have provided the data reported herein based on data provided by the reporting carrier; and, to the best of my knowledge, the information reported herein is accurate.		
Name of Reporting Carrier:		
Name of Authorized Agent Firm:		
Signature of Authorized Agent or Employee of Agent:		Date:
Name of Authorized Agent Employee:		
Title or position of Authorized Agent or Employee of Agent:		
Telephone number of Authorized Agent or Employee of Agent:		
Study Area Code of Reporting Carrier:		Filing Due Date for this form:
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.		

# Public Reference Copy

(080) Tribal Lands Reporting

FCC Form 690

Approved by OMB

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<010>	Study Area Code	438015
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<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
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<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com

<142> State OK

Hughes

<143> County

Creek

<144> Tribal Land(s) on which ETC Serves

438015OK1452016.pdf

<145> Tribal Government Engagement Obligation

Name of Attached Document (.pdf)

If your company serves Tribal lands, please select (Yes, No, Not Applicable) for each of these boxes to confirm the status described on the attached PDF, on line 145, demonstrates coordination with the Tribal government pursuant to § 54.1004 includes:

- <146> Needs assessment and deployment planning with a focus on Tribal community anchor institutions;
- <147> Feasibility and sustainability planning;
- <148> Marketing services in a culturally sensitive manner;
- <149> Compliance with Rights of way processes
- <150> Compliance with Land Use permitting requirements
- <151> Compliance with Facilities Siting rules
- <152> Compliance with Environmental Review processes
- <153> Compliance with Cultural Preservation review processes
- <154> Compliance with Tribal Business and Licensing requirements.

Select (Yes, No, Not Applicable)
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes

# Public Reference Copy

(090) Project Update Information

FCC Form 690

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<010>	Study Area Code	438015
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<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com

<200>	Date Authorized to Receive Support	<input type="text" value="06/24/2013"/>
<201>	Targeted Completion Date	<input type="text" value="07/30/2015"/>
<202>	Total Mobility Fund Support Awarded	<input type="text"/>
<203>	Total Mobility Fund Support Disbursed	<input type="text"/>

<210>	Actual Completion Date	<input type="text"/>
-------	------------------------	----------------------

<211>	Project Status Description (attached)	<input type="text" value="438015OK211.pdf"/> {Name of PDF attached}
-------	---------------------------------------	--

Please check these boxes below to confirm that the attached PDF, on line 211, contains a project status pursuant to §54.1005(b)(2)(v). The information shall be submitted as appropriate.

<212>	Status of Network Deployment - Network Design	<input checked="" type="checkbox"/>
<213>	Status of Network Deployment - Construction	<input checked="" type="checkbox"/>
<214>	Status of Network Deployment - Deployment	<input checked="" type="checkbox"/>
<215>	Status of Network Deployment - Maintenance	<input checked="" type="checkbox"/>
<216>	Project Budget Status	<input checked="" type="checkbox"/>
<217>	Project Plan Status	<input checked="" type="checkbox"/>

<218> Network will Support 3G/4G Mobile Service ? ☐ 3G ☒ 4G

## Public Reference Copy

(101) Certification - Reporting Carrier

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<010>	Study Area Code	438015
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<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com

**TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ON ITS OWN BEHALF:**

### Certification of Officer as to the Accuracy of the Data Reported for Mobility Fund Recipients

I certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the reporting requirements for Mobility Fund recipients; and, to the best of my knowledge, the information reported on this form and in any attachments is accurate.

Name of Reporting Carrier: United States Cellular Corporation

Signature of Authorized Officer: CERTIFIED ONLINE

Date 06/21/2017

Printed name of Authorized Officer: John Gockley

Title or position of Authorized Officer: VP-Legal and Regulatory Affairs

Telephone number of Authorized Officer: 7738643167 ext.

Study Area Code of Reporting Carrier: 438015

Filing Due Date for this form: 07/03/2017

Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

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(102) Certification - Agent / Carrier

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Approved by OMB  
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<010>	Study Area Code	438015
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<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ON THE CARRIER'S BEHALF:

Certification of Officer to Authorize an Agent to File for Mobility Fund Recipients on Behalf of Reporting Carrier	
I certify that (Name of Agent) _____ is authorized to submit the information reported on behalf of the reporting carrier. I also certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the data reporting requirements provided to the authorized agent; and, to the best of my knowledge, the reports and data provided to the authorized agent is accurate.	
Name of Authorized Agent:	
Name of Reporting Carrier:	
Signature of Authorized Officer:	Date:
Printed name of Authorized Officer:	
Title or position of Authorized Officer:	
Telephone number of Authorized Officer:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:
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TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authorized to File for Mobility Fund Recipients on Behalf of Reporting Carrier	
I, as agent for the reporting carrier, certify that I am authorized to submit the reports for Mobility Fund recipients on behalf of the reporting carrier; I have provided the data reported herein based on data provided by the reporting carrier; and, to the best of my knowledge, the information reported herein is accurate.	
Name of Reporting Carrier:	
Name of Authorized Agent Firm:	
Signature of Authorized Agent or Employee of Agent:	Date:
Name of Authorized Agent Employee:	
Title or position of Authorized Agent or Employee of Agent:	
Telephone number of Authorized Agent or Employee of Agent:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.	



## Attachments

# Public Reference Copy

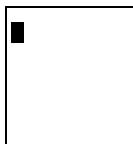
## (060) Coverage and Performance Report

FCC Form 690  
Approved by OMB  
OMB Control No. 3060-1185

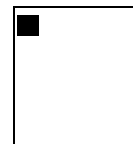
<010>	Study Area Code	438015
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2017
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<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com
<140>	Coverage and Performance Report Year	01/2016 - 12/2016

<a1>	<a2>	<a3>	<b1>	<b2>	<b3>	<c1>	<c2>	<c3>	<d>
State	County	Census Block	Resident Population per Census Block	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performance data is uploaded (yes/no)
OK	Hughes	400634847002119	0	0	0	0.27			Yes
OK	Hughes	400634847001363	0	0	0	2.41			Yes
OK	Hughes	400634847002130	0	0	0	3.46			Yes
OK	Hughes	400634847001406	0	0	0	0.27			Yes
OK	Hughes	400634847002142	0	0	0	0.27			Yes
OK	Hughes	400634847002099	0	0	0	1.48			Yes
OK	Hughes	400634847002167	0	0	0	0.43			Yes
OK	Hughes	400634847002131	0	0	0	0.87			Yes
OK	Hughes	400634847002117	0	0	0	0.31			Yes
OK	Hughes	400634847002083	0	0	0	0.17			Yes
OK	Hughes	400634847002120	0	0	0	1.64			Yes
OK	Hughes	400634847002121	0	0	0	0.87			Yes
OK	Hughes	400634847002125	0	0	0	2.26			Yes
OK	Hughes	400634847002138	0	0	0	0.89			Yes
OK	Hughes	400634847002145	0	0	0	3.09			Yes
OK	Hughes	400634847002102	0	0	0	0.65			Yes
OK	Hughes	400634847001395	0	0	0	2.17			Yes
OK	Hughes	400634847002042	0	0	0	1.76			Yes
OK	Hughes	400634847002137	0	0	0	0.13			Yes
OK	Hughes	400634847001413	0	0	0	0.07			Yes

Percentage of  
Total Population  
Reached by  
Service



Percentage of Total  
Road Miles covered  
by Service



# Public Reference Copy

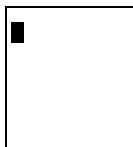
## (060) Coverage and Performance Report

FCC Form 690  
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OMB Control No. 3060-1185

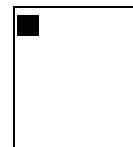
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<140>	Coverage and Performance Report Year	01/2016 - 12/2016

<a1>	<a2>	<a3>	<b1>	<b2>	<b3>	<c1>	<c2>	<c3>	<d>
State	County	Census Block	Resident Population per Census Block	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performance data is uploaded (yes/no)
OK	Hughes	400634847001400	0	0	0	2.08			Yes
OK	Hughes	400634847002141	0	0	0	1.13			Yes
OK	Hughes	400634847002041	0	0	0	0.09			Yes
OK	Hughes	400634847002101	0	0	0	6.31			Yes
OK	Hughes	400634847002169	0	0	0	0.04			Yes

Percentage of  
Total Population  
Reached by  
Service



Percentage of Total  
Road Miles covered  
by Service



# **Public Reference Copy**

**FCC Form 690**

**Mobility Fund Phase 1 - §54.1009 Annual Reporting**

**Line 041: Description of documents filed with Form 481 SAC 439004**

The documents filed with FCC Form 481 for SAC 439004 in its annual report include:

- 439004OK310 Unfulfilled Service Requests (voice) Detail on Attempts
- 439004OK510 Service Quality Standards & Consumer Protection Rules Compliance
- 439004OK610 Functionality in Emergency Situations
- 439004OK920 Tribal Government Engagement Obligation

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**United States Cellular Corporation**  
**SAC 438015**  
**Form 690**  
**Section 145 – Tribal Engagement**

**Line 145 – Tribal Engagement**

United States Cellular Corporation (“U.S. Cellular” or the “Company”) serves Tribal lands in Oklahoma (including SAC 438015) that are within the jurisdiction of the Absentee-Shawnee Tribe of Indians of Oklahoma, the Apache Tribe of Oklahoma, the Caddo Indian Tribe of Oklahoma, Cherokee Nation, the Cheyenne Arapaho Tribes of Oklahoma, Chickasaw Nation, Choctaw Nation of Oklahoma, Citizen Potawatomi Nation, Comanche Nation, Muscogee(Creek) Nation, Delaware Nation, the Delaware Tribe of Indians, the Eastern Shawnee Tribe of Oklahoma, Fort Sill Apache, the Iowa Tribe of Oklahoma, Kaw Nation, the Kickapoo Tribe of Oklahoma, the Kiowa Tribe of Oklahoma, the Miami Tribe of Oklahoma, the Modoc Tribe of Oklahoma, Osage Nation, the Otoe-Missouria Tribe of Indians, the Ottawa Tribe of Oklahoma, Pawnee Nation of Oklahoma, the Peoria Tribe of Oklahoma, the Ponca Tribe of Oklahoma, the Quapaw Tribe of Oklahoma, Sac & Fox Nation of Oklahoma, Seminole Nation of Oklahoma, the Seneca-Cayuga Tribe of Oklahoma, the Tonkawa Tribe of Oklahoma, the Wichita and Affiliated Tribes, and Wyandotte Nation (the “Tribal Governments”). For purposes of fulfilling its Tribal engagement obligations, as adopted by the Commission, during 2012, 2013, 2014, 2015 and 2016, representatives of the Company made multiple attempts to engage the Tribal Governments in discussions regarding its wireless service and potential benefits to the Tribal lands.

The topics for proposed discussion were: (1) needs assessment and deployment planning with a focus on Tribal Government community anchor institutions; (2) feasibility and sustainability planning; (3) marketing services in a culturally sensitive manner; (4) rights of way processes; (5) land use permitting requirements; (6) facilities siting rules; (7) environmental

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**United States Cellular Corporation**  
**SAC 438015**  
**Form 690**  
**Section 145 – Tribal Engagement**

review processes; (8) cultural preservation review processes; and (9) Tribal Government business and licensing requirements.

U.S. Cellular contacted the Tribal Governments via certified letter on November 12, 2012 and again, with a follow up letter on December 21, 2012, January 14, 2014, August 28, 2014, August 27, 2015, and August 26, 2016 to request a meeting to discuss the above matters. U.S. Cellular received no response to its multiple requests to engage the Tribal governments in discussions.

Pursuant to the *Tribal Engagement Further Guidance Public Notice*,<sup>1</sup> the Company hereby certifies that, for purposes of this 690 filing, the Company (1) took the various steps described in the preceding paragraphs to comply with its annual Tribal engagement obligation; (2) engaged in attempts to schedule meetings with the Tribal Governments; and (3) has retained documentation of each such attempt.

<sup>1</sup> *Office of Native Affairs and Policy, Wireless Telecommunications Bureau, and Wireline Competition Bureau Issue Further Guidance on Tribal Government Engagement Obligation Provisions of the Connect America Fund*, Public Notice, 27 FCC Rcd 8176, 8180 (paras. 14-15) (ONAP 2012) (“*Tribal Engagement Further Guidance Public Notice*”).

**FCC FORM 690 LINE 211: PROJECT STATUS DESCRIPTION**

**Project Description and Statement of Technical Feasibility**

**Winning Bid Census Tract No. T40063484700-5620 (Hughes, OK)**

**SAC 438015**

**Total Bid Amount: \$878,110.56**

**I. Project Summary**

United States Cellular Corporation (“U.S. Cellular”) currently provides wireless services in Oklahoma. U.S. Cellular operates a 3G/4G wireless voice and data network incorporating state-of the-art technologies including CDMA [REDACTED] and 4G LTE (Long Term Evolution). For this particular winning bid census tract, U.S. Cellular constructed an overlay LTE on [REDACTED] cell sites in order to provide coverage to the unserved qualifying roads in the eligible census blocks within the winning bid census tract.

U.S. Cellular uses [REDACTED] 4G LTE technology to provide the required service. LTE incorporates Multiple In Multiple Out (MIMO) technology, the Orthogonal Frequency Division Multiple Access (OFDMA) air interface in the downlink and Single Carrier FDMA in the uplink. This combination provides high levels of spectral efficiency and network performance, coupled with high network capacity and low latency [REDACTED] 4G LTE.

The overlay of LTE on an existing cell site will enable U.S. Cellular to meet its public interest obligations to provide rural citizens with access to advanced telecommunications and information technologies that are reasonably comparable to those available in urban areas. U.S.

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Cellular has identified areas that lack high-quality coverage, that is, dead zones where citizens have inconsistent access to wireless network signals or where coverage is insufficient to allow mobile usage without dropped calls.

Use of support from Auction 901 will permit U.S. Cellular improve and expand coverage, and to cover operating and maintenance expenses expected in remote areas that are not expected to be cash flow positive for many years, if ever. In many areas where U.S. Cellular currently serves, consumers have access to data speeds that are insufficient to stream high quality video and transmit large files without significant delay. Installation of 4G service will significantly increase data speeds, well in excess of the 4/1 throughput requirement.

This will serve the public interest by allowing consumers to make more efficient use of high speed products and services, including smart phone devices, providing access to a wide variety of software applications. In every area where coverage is improved, rural citizens will see significant public safety benefits, as access to 911, E-911 and other important communications are all facilitated by improved connectivity in a mobile environment.

### II. Project Timeline

<b>MILESTONES</b>	<b>START</b>	<b>END</b>
1. Network Design		
2. Drafting, Posting of RFPs if applicable		
3. Vendor Selection		
4. Contract Negotiation if applicable		
5. Construction		
6. Meeting requirements for \$\$ Installments		
a. 1st disbursement - upon award, no other requirements		6/15/2013
b. 2nd disbursement -		
i. report demonstrating 50% road miles covered		n/a
ii. 2nd LOC or increase to initial LOC to cover disbursement amount		n/a
c. 3rd/final disbursement -		



## Public Reference Copy

i. report demonstrating 75% road miles covered (3yrs for 4G)			
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U.S. Cellular has completed a preliminary network design, which has informed its bidding strategy. U.S. Cellular has also completed its network design and budget, based on the then-current status of its network and then-current costs associated with purchasing the necessary equipment. U.S. Cellular employs radio-frequency engineers, as well as consulting engineers, to develop a final network design plan.

U.S. Cellular has completed its construction project, and has installed equipment needed to upgrade its backhaul and network core facilities, so that all new network equipment that is installed is capable of providing service immediately.

Construction, installation and testing is complete and the actual date of network deployment was [REDACTED]. The information provided in this 690 filing for final disbursement proves that U.S. Cellular has achieved 75% or greater coverage, [REDACTED] coverage. The final disbursement should be [REDACTED] which, with the first disbursement of [REDACTED] equals [REDACTED] of the total bid amount of \$878,110.56.

**Statement of Technical Feasibility**

These network deployments and improvements are all technically feasible because they represent an extension of U.S. Cellular's existing network, which has been providing service for a number of years. The projected cost of U.S. Cellular's project plan and necessary operating and maintenance expenses exceed the amount of Auction 901 support that it will receive, and the company invested the additional capital needed to complete the project. It has undertaken a financial analysis of the technical feasibility of meeting the FCC's coverage requirements and based on that analysis, it has determined that the combination of support and internally generated capital will be sufficient.

U.S. Cellular understands that the FCC's Auction 901 funding commitment is limited to the winning bid amount, and that U.S. Cellular will be responsible for providing additional internally generated capital, if needed, to meet the Commission's coverage and service requirements.

U.S. Cellular has successfully rolled out 4G LTE service in much of its existing network. U.S. Cellular has familiarity with the challenges of deploying 4G technology as well as established relationships with equipment and handset vendors. U.S. Cellular understands the challenges of deploying a high-speed data network in a rural area and is fully confident that the technology it has chosen is technically feasible and that it has the necessary expertise to deploy a technically capable network solution that meets the FCC's coverage and throughput requirements.

## Public Reference Copy

U.S. Cellular has purchased peripheral technologies such as battery back-ups and diesel generators to ensure that its new network equipment is sufficiently hardened to withstand natural and man-made disasters.

### III. Budget and Actual Spending Breakdown

Census Tract	County/State	Bid	Project Budget Total
T40063484700-5620	Hughes, OK	\$878,110.56	

The following list compares the budget to actual costs incurred as of December 31, 2013 for the activities in the project plan.

USAC Category	Project Budget Detail	Budget - Cost to Complete	Costs Incurred as of 2/12/2016
Network Design	Network Design	In House	In House
Construction			
Deployment			
Maintenance			
	Total		

The projected build plan set forth above, including costs and timeframes, are good-faith estimates based on current information and subject to change, depending on a variety of factors such as but not limited to terrain, zoning or other restriction on land usage, weather, and equipment availability from the selected vendors.